

1	RADIO WAVE ABSORBER	41	SHIP COLLISION AVOIDANCE
2	.For aircraft or missile	42	RADAR TRANSPONDER SYSTEM
3	.For camouflage	43	.Combined with primary radar system
4	.With particular geometric configuration	44	.Unique identity
5	RADAR REFLECTOR	45	.IFF or SIF
6	.With modulation	46	.Navigational
7	.Corner	47	..Distance measuring equipment (DME)
8	..Inflatable or collapsable	48	...With automatic lock-on
9	..Decoy or tow target	49	...With VOR/TACAN
10	.Inflatable or collapsable	50	.With Telemetry
11	.With spherical lens (e.g., Luneberg lens)	51	.Transponder only
12	.Chaff	52	COMBINED WITH DIVERSE TYPE RADIANT ENERGY SYSTEM
13	RADAR EW (ELECTRONIC WARFARE)	53	.With infrared device
14	.ECM (Electronic countermeasures, i.e., jamming)	54	.With laser
15	..With repeater	55	.With television
16	.ECCM (Electronic counter-countermeasures, i.e., antijamming)	56	.With direction finding
17	..Radar reacts to jamming	57	.With radio voice communication
18	...By changing frequency	58	.With transmission to a remote station
19	...By varying gain or blocking receiver	59	PLURAL RADAR
20	.Detection of surveillance	60	TRANSMITTING INTELLIGENCE
21	BASE BAND SYSTEM	61	RETURN SIGNAL CONTROLS EXTERNAL DEVICE
22	TRANSMISSION THROUGH MEDIA OTHER THAN AIR OR FREE SPACE	62	.Missile or spacecraft guidance
23	BERTHING OR DOCKING	63	.Aircraft guidance
24	BLIND AID	64	..With map matching
25	SYNTHETIC APERTURE RADAR	65	..With terrain avoidance or alarm
26	WEATHER RADAR	66	.Camera
27	PRESENCE DETECTION ONLY	67	.Gun (e.g., fire control)
28	.By motion detection	68	.Proximity fuze
29	AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)	69	.Device actuated by presence of land vehicle
30	.With transponder	70	.Radar mounted on and controls land vehicle
31	..Including synchronized clock	71	..With control of brakes or steering
32	..Included in Secondary Surveillance Radar (SSR) or Air Traffic Control Radio Beacon System (ATCRBS)	72	..With control of safety device (e.g., air bags)
33	AIRCRAFT LANDING SYSTEM	73	RETURN SIGNAL CONTROLS RADAR SYSTEM
34	.Ground control approach (GCA)	74	.Antenna control
35	.Microwave landing system (MLS)	75	..Physical orientation
36	AIR TRAFFIC CONTROL	76	...With ground tracking
37	.Secondary Surveillance Radar (SSR) or Air Traffic Control Radar Beacon System (ATCRBS)	77	...With signal error correction
38	..With altitude information	78	...Conical scan
39	..With side lobe suppression	79	...Lobe switching
40	..With defruiting or degarbling	80	...Monopulse
		81	..Beam direction by phase or frequency control
		82	.Transmitter

83	..Signal phase or frequency other than pulse repetition frequency (PRF)	120	.Altimeter
84	...Function of doppler frequency	121	..With additional indicator
85	...Function of distance	122	..FM type
86	....With constant phase	123	.Height finder
87	....With constant beat frequency	124	.Material level within container
88	..Transmission timing (e.g., ring around)	125	.With remote cooperating station
89	.Receiver	126	.Triangulation
90	..Automatic target detection	127	.Phase comparison
91	..Gain or threshold	128	.With frequency modulation
92	...Automatic gain control (AGC)	129	..Plural frequencies transmitted
93	...Constant false alarm rate (CFAR)	130	..Plural modulation
94	..Gating	131	...Combined with pulse modulation (e.g., frequency agile)
95	...Automatic range tracking	132	....With pulse modulation (e.g., "Chirp")
96	....Automatic track while scan (ATWS)	133	..Combined with determining direction
97	....With automatic lock-on	134	.With pulse modulation
98	..Frequency	135	..Digital (e.g., with counter)
99	...Doppler frequency tracking	136	...With plural fixed range gates
100	....With local oscillator control	137	..With variable pulse repetition frequency (PRF) or pulse width
101	....With filter control	138	..With type "A" or "J" range scope
102	...Phase	139	..Combined with determining direction
103	....Phase locked loop	140	...With azimuth and elevation determination
104	DETERMINING VELOCITY	141	...Off boresight
105	.Other than doppler (e.g., range rate)	142	...With CRT display
106	.Combined with determining acceleration	143	....Plural
107	.Combined with determining distance and direction	144	....PPI type
108	..With correlation	145	.With correlation
109	.Combined with determining distance	146	.Combined with determining direction
110	..With plural fixed range gates	147	DETERMINING DIRECTION
111	..With plural receiver frequency band separation	148	.Low angle processing
112	..With plural frequencies transmission	149	.Monopulse
113	.Combined with determining direction (i.e., bearing)	150	..With common IF channel
114	.Combined with determining sense of motion (i.e., approaching or receding)	151	..With channel equalization
115	.Digital	152	..With quadrature difference processing
116	.With plural received frequency band separation	153	..With particular antenna or waveguide
117	.With plural beams (e.g., "Janus")	154	..Combined with beam steering
118	DETERMINING DISTANCE	155	.Lobe switching
119	.Miss distance indicator (MDI)	156	.Interferometer
		157	.With frequency or phase steering
		158	.Scanning
		159	CLUTTER ELIMINATION
		160	.MTI (Moving target indicator)

161	..With vehicle movement compensation (e.g., AMTI (Airborn MTI))	353	..Having a signal repeater
162	..Digital	354	..With beam steering
163	..With blind speed elimination	355	..With control of satellite altitude
164	..With storage tube	356	..Synchronous satellite
165	TESTING OR CALIBRATING OF RADAR SYSTEM	357.01	..With position indicating
166	.Proximity fuze	357.02	...With accuracy enhancing
167	.With laser	357.03	....Using differential correction
168	.With noise generation	357.04	....With ambiguity resolving
169	.By simulation	357.05	...Using Doppler frequency shift
170	..Microwave	357.06	...Using Global Positioning Satellite (GPS or Glonass)
171	..Doppler	357.07	....Tracking or monitoring (i.e., lost or stolen vehicles)
172	..With delay	357.08	....Determining relative position (e.g., distance or direction)
173	.By monitoring	357.09	....With transmission of location-indicative information to or from a remote station
174	..Calibrating		
175	WITH PARTICULAR CIRCUIT	357.1	....Combined with telecommunication
176	.Display	357.11	....Attitude determination
177	..Plural	357.12	....GPS receiver signal processing
178	..Projection type	357.13	....With storage device (i.e., map or database)
179	..Image production	357.14	....Combined with secondary navigation system (i.e., LORAN, gyroscope, inertial, dead reckoning, etc.)
180	..Stereoscopic or tridimensional	357.15	....Satellite selection (i.e., tracking or acquisition)
181	..Color	357.16	...Using low Earth orbit (telecommunication) satellites
182	..Electronic marker generation	357.17	...With particular action taken responsive to position
183	...Cursor	358	..With satellite signal correction
184	..With stabilization (e.g., True Motion, True North)	359	.Including antenna orientation
185	..Scan conversion	360	.Including antenna pattern plotting
186	..With sweep expansion	361	.Including polarized signal communication transmitter or receiver
187	.Augmenter	362	..Receiver only
188	.With polarization	363	...Circular
189	.For correlation	364	...Elliptical
190	.With recording	365	..Circular
191	..Mapping	366	..Elliptical
192	.Spectrum analysis	367	.Including directive communication system
193	..Harmonic	368	.Including a steerable array
194	.Complex signal (in phase and quadrature)	369	..Injection radiation type
195	.Digital processing	370	..Retrodirective
196	..Fast fourier transform (FFT)		
197	..With video quantizer		
198	.For receiver protection		
199	.Automatic frequency control (AFC)		
200	.For frequency modulation		
201	..Combined with pulse modulation		
202	.For pulse modulation		
203	..With noise reduction		
204	..With pulse shaping		
205	.Sensitivity time control (STC)		
350	DIRECTIVE		
351	.Including a radiometer		
352	.Including a satellite		

CLASS 342 COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND
DEVICES (E.G., RADAR, RADIO NAVIGATION)

371	..With electronic scanning	412	.....Transmitter only
372	...Controlled	413	....Localizer transmitter or receiver
373	..With a matrix	414	....Distinctive frequencies equi-signal type
374	..With a switch	415	.....Coded equi-signal (e.g., A and N type)
375	..With a delay line (e.g., serpentine transmission line, frequency scanning)	416	.....Sequentially effective reflectors
376	..Including a remote energy source	417	..Direction-finding receiver only
377	..Including a computer	418	...Doppler
378	..Utilizing correlation techniques	419	...Portable
379	..Side lobe elimination	420	...With error or deviation compensator or eliminator
380	...Sum of each antenna channel signal	421	....Pulse-type noise elimination or compensation (e.g., sky waves)
381	...Difference of each antenna channel signal	422	...With self-orienting antenna pattern
382	...Mixing each antenna channel signal	423	....Plural antennas
383	..Sum of each antenna signal	424	.....Tracking interferometer
384	..Difference of each antenna channel signal	425	....Conical scan antenna type
385	..Beacon or receiver	426	....Step track antenna type
386	..With transmission of bearing or position determinative signals	427	....Monopulse or pseudo monopulse tracking antenna type
387	...Iso-chronic type	428	...With continuously movable antenna pattern
388	....Loran	429	....Including a stationary antenna
389	.....Loran-C	430	....Including plural moving antennas
390	.....With cycle selection	431	....Including a goniometer
391	.....Loran-A	432	...With plural fixed antenna pattern comparing
392	....With automatic gain control	433	....Successively commutated
393	...Iso-frequency type	434	.....Including more than two antennas
394	...Iso-phase type	435	.....By diode switching
395	....With heterodyne synchronization	436	.....By modulation
396	....Omega	437	....Including more than two antennas
397	....Decca	438	....Including separate indicators
398	...Rotating beacon signal	439	....Including combined effect indicator
399	...Tacan	440	....Including a goniometer
400	....Receiver only	441	...Having a goniometer
401	.....VOR	442	...Having a phase detector
402	.....Doppler	443	...Having a direction indicator
403	.....With circular array of antennas	444	...Having plural receivers
404	....VOR	445	...Having more than two antennas
405	.....Doppler	446	....Unequal distance between at least three antennas
406	.....With circular array of antennas	447	...Having a spiral antennas
407	...Fixed course or bearing indicating		
408	....Moving beam		
409	....With superimposed images		
410	....Glide slope transmitter or receiver		
411	.....Receiver only		

- 448 ...Having a coil or loop type
 antenna
- 449 ...Having a moving antenna
- 450 ..Position indicating (e.g.,
 triangulation)
- 451 ..By computer
- 452 ..By plotting table
- 453 ..By deflected or repeated signal
- 454 ..Traffic
- 455 ...Having collision avoidance
- 456 ...Having traffic control
- 457 ..Land vehicle location (e.g.,
 bus, police car)
- 458 ..Distance
- 459 ..Underground object location
- 460 ..Storm or atomic explosion
 location
- 461 ..With speed determination
- 462 ..With altitude determination
- 463 ..Having plural transmitters or
 receivers
- 464 ...Plural transmitters only
- 465 ...Plural receivers only

FOREIGN ART COLLECTIONS

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FOR 000 CLASS-RELATED FOREIGN DOCUMENTS

